

ABSTRACT OF THE DISCLOSURE

A high-efficiency, compact color illuminating system and a projection type image display apparatus using the color illuminating system are provided. The color illuminating system includes a light source, a spiral lens disc that periodically scrolls light by rotational movement, and an optical unit that isolates light beams of different wavelengths from white light emitted from the light source and guides the isolated light beams to enter at least two effective regions of the spiral lens disc. The projection type image display apparatus includes the color illuminating system, an image forming unit that generates images using scrolling light from the spiral lens disc, and a projection lens unit that enlarges and projects the images formed by the image forming unit on a screen.